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(54) Title: THE USE OF THE *AREA POSTREMA* TO IDENTIFY THERAPEUTIC COMPOUNDS

(57) Abstract: Methods for identifying or screening or characterizing or assaying or isolating known or candidate compounds that stimulate or inhibit *area postrema* activity, for example *area postrema* activities relating to fuel homeostasis.

WO 01/33220 A3

# INTERNATIONAL SEARCH REPORT

International Application No

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/50 G01N33/567 G01N33/566

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K. MILLER ET AL.: "Membrane-bound and solubilized brain 5HT3 receptors: improved radioligand binding assays using bovine Area Postrema or rat cortex and the radioligands 3H-GR65630, 3H-BRL43694, and 3H-LY278584." SYNAPSE., vol. 11, no. 1, 1992, pages 58-66, XP000987247 WILEY AND SONS, CHICHESTER., GB ISSN: 0887-4476 the whole document  --- -/--	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*G\* document member of the same patent family

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>B. A. WHELAN ET AL.: "Synthesis and structural, conformational, biochemical, and pharmacological study of new compounds derived from Tropane-3-spiro 4'(5')-imidazoline as potential 5-HT<sub>3</sub> receptor antagonists"</p> <p>JOURNAL OF PHARMACEUTICAL SCIENCES., vol. 84, no. 1, January 1995 (1995-01), pages 101-106, XP002161801</p> <p>AMERICAN PHARMACEUTICAL ASSOCIATION. WASHINGTON., US</p> <p>ISSN: 0022-3549</p> <p>page 103, column 2 -page 104, column 2</p>	1-20
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A	<p>K. F. RHODES ET AL.: "WAY 100289: pharmacological profile of a novel 5-HT<sub>3</sub> receptor antagonist."</p> <p>DRUG DEVELOPMENT RESEARCH., vol. 28, 1993, pages 128-140, XP000987255</p> <p>NEW YORK, NY, US</p> <p>ISSN: 0272-4391</p> <p>the whole document</p>	1-20

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